



'Fluid control' the Complete solution from one source !

Universal Engineering

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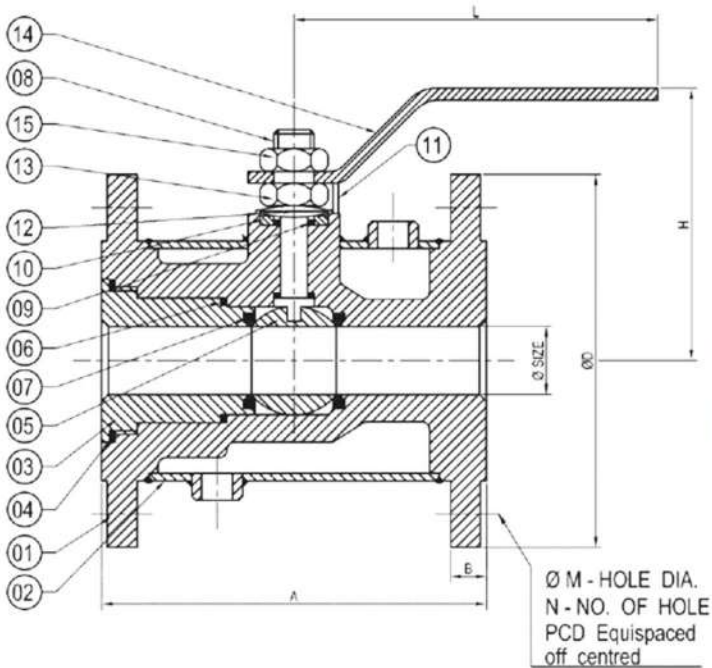
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JACKETED BALL VALVE FLANGED ENDS

Technical Data

DESIGN & MANUFACTURING STD	: BS 5351
PNEUMATIC TESTING	: BS 5145
FACE TO FACE	: AS PER ANSI B 16.10
SEAT AIR	: 7Kg/cm ²
JACKET TESTING	: 7Kg/cm ²
HYDROSTATIC TESTING	: BS 6755 (1)
HYDRO SHELL	: 31Kg/cm ²
HYDRO SEAT	: 22Kg/cm ²



No	DESCRIPTION	Material	Qty.
01	Body	ASTM A216 Gr. WCB A 351 GR. CF8/AISI 304 A 351 GR. CF8M/AISI 316	1
02	JACKET	MILD STEEL/AISI 304/316	1
03	BODY NUT	ASTM A216 Gr. WCB A 351 GR. CF8/AISI 304 A 351 GR. CFM/AISI 316	1
04	BODY SEAL	PTFE OR FILLED PTFE	1
05	BALL	AISI 304/AISI 316	1
06	SEAL	PTFE	1
07	SEAT SEAL	PTFE	2
08	STEM	AISI 304/AISI 316	1
09	GLAND PACKING	PTFE	2
10	GLAND	AISI 304/AISI 316	1
11	STOPPER PIN	STEEL	1
12	BILLEVILLE SPRING	STEEL	1
13	GLAND NUT	AISI 304/AISI 316	1
14	LEVER	CARBON STEEL/AISI 304	1
15	LOCK NUT	STEEL (PLATED) AISI 304	1

Primary Service Rating & Test Pressure				
Class	Working Pressure	Hyd. Test Pressure		
		Body	Seat	Temp
150	150 PSIG	425 PSIG	300 PSIG	130°F
Air Test - Seat 80 PSI ± 10 PSI				

Size		CLASS-150					
M. M.	A	B	ØC	ØD	ØM	N	PCD
25 X 40	127	14.3	73	127	15.8	4	98.5
40 X 50	165	15.8	92.1	152.4	19	4	120.6
50 X 65	178	17.7	107.7	177.8	19	4	139.7
50 X 80	178	19	127	190.5	19	4	152.4
65 X 80	190	19	127	190.5	19	4	152.4
80 X 100	203	23	157.2	228.6	19	8	190.5
100 X 150	229	25.4	215.9	279	22	8	241.3

